

WHAT IS CLAIMED IS:

- 5 1. A hand-held disc storage, deployment and retrieval device,
comprising:
 a housing defining an interior cavity adapted to store a disc therein;
 an aperture formed in the housing and configured for receiving the disc
 therethrough and into or out of the interior cavity; and
10 a manually-actuated slider disposed within the interior cavity and
movable between a disc deployment position wherein the disc within the interior
cavity is moved by the slider through the aperture and out of the interior cavity,
and a disc retrieval position wherein the disc is moved into the interior cavity.
- 15 2. The device of claim 1, including disc tracks formed in the housing
for guiding the disc into and out of the interior cavity.
3. The device of claim 1, including a disc entry ramp disposed
adjacent to the aperture.
- 20 4. The device of claim 1, wherein the slider moves along guide tracks
formed in the housing.
5. The device of claim 1, including a manually actuated lever-
25 mechanism operably connected to the slider for deploying and retrieving the
disc.
6. The device of claim 5, wherein the lever-mechanism includes a
lever extending from the housing and connected to a pivot arm disposed within

the housing and engagable with the slider for moving the slider between the deployment and retrieval positions.

5 7. The device of claim 6, wherein the lever travels along a slot formed in the housing, and wherein the pivot arm is pivotally connected to the housing.

8. The device of claim 1, wherein the slider includes a hook adapted to engage a portion of the disc.

10 9. The device of claim 1, wherein the exterior conformation of the housing is configured to interlock with the exterior conformation of a second housing stacked thereon.

15 10. The device of claim 9, wherein the housing includes a protuberance extending from a surface thereof, and a protuberance-accepting depression formed in a generally opposite surface thereof.

20 11. The device of claim 1, including means for locking the disc within the housing.

12. The device of claim 1, wherein the locking means comprises opposing apertures formed in the housing and alignable with a central aperture of the disc for acceptance of a locking pin therethrough.

25 13. The device of claim 12, including a case adapted for storing multiple housings therein in stacked relation with the locking pin extending from one end of the case, through the multiple housings and discs, and out an opposite end of the case.

14. A hand-held disc storage, deployment and retrieval device, comprising:

a housing defining an interior cavity adapted to store a disc therein;

an aperture formed in the housing and configured for receiving the disc therethrough and into or out of the interior cavity;

a manually-actuated slider disposed within the interior cavity and movable along guide tracks formed in the housing between a disc deployment position wherein the disc within the interior cavity is moved by the slider through the aperture and out of the interior cavity, and a disc retrieval position wherein the disc is moved into the interior cavity;

a manually-actuated lever-mechanism operably connected to the slider for deploying and retrieving the disc; and

disc tracks formed in the housing for guiding the disc into and out of the interior cavity;

15. The device of claim 14, including a disc entry ramp disposed adjacent to the aperture.

16. The device of claim 14, wherein the lever-mechanism includes a lever extending from the housing and traveling along a slot formed in the housing and connected to a pivot arm pivotally connected to the housing and disposed within the housing for engagement with the slider for moving the slider between the deployment and retrieval positions.

17. The device of claim 14, wherein the slider includes a hook adapted to engage a portion of the disc.

18. The device of claim 14, wherein the exterior conformation of the housing is configured to interlock with the exterior conformation of a second housing stacked thereon.

19. The device of claim 18, wherein the housing includes a protuberance extending from a surface thereof, and a protuberance-accepting depression formed in a generally opposite surface thereof.

5 20. The device of claim 14, including means for locking the disc within the housing, including opposing apertures formed in the housing and alignable with a central aperture of the disc for acceptance of a locking pin therethrough.

10 21. The device of claim 14, including a case adapted for storing multiple housings therein in stacked relation with the locking pin extending from one end of the case, through the multiple housings and discs, and out an opposite end of the case.

15 22. A hand-held disc storage, deployment and retrieval device, comprising:

 a housing defining an interior cavity adapted to store a disc therein;
 an aperture formed in the housing and configured for receiving the disc therethrough and into or out of the interior cavity;

20 a manually-actuated slider disposed within the interior cavity and movable along guide tracks formed in the housing between a disc deployment position wherein the disc within the interior cavity is moved by the slider through the aperture and out of the interior cavity, and a disc retrieval position wherein the disc is moved into the interior cavity;

25 a manually-actuated lever-mechanism operably connected to the slider for deploying and retrieving the disc, the lever-mechanism including a lever extending from the housing and traveling along a slot formed in the housing and connected to a pivot arm pivotally connected to the housing and disposed within the housing for engagement with the slider for moving the slider between the deployment and retrieval positions;

disc tracks formed in the housing for guiding the disc into and out of the interior cavity; and

means for locking the disc within the housing;

wherein the exterior conformation of the housing is configured to interlock with the exterior conformation of a second housing stacked thereon.

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23. The device of claim 22, including a disc entry ramp disposed adjacent to the aperture.

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24. The device of claim 22, wherein the slider includes a hook adapted to engage a portion of the disc.

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25. The device of claim 22, wherein the housing includes a protuberance extending from a surface thereof, and a protuberance-accepting depression formed in a generally opposite surface thereof.

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26. The device of claim 22, wherein the locking means includes opposing apertures formed in the housing and alignable with a central aperture of the disc for acceptance of a locking pin therethrough.

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27. The device of claim 22, including a case adapted for storing multiple housings therein in stacked relation with the locking pin extending from one end of the case, through the multiple housings and discs, and out an opposite end of the case.